Million Dollar Project

MATH REQUIREMENTS

1. Your building drawing must show the dimensions of the building in mixed number form. THE DIMENSIONS MUST BE MIXED NUMBERS!

2. You must find the AREA of your building.

3. You must find the SURFACE AREA of your building.

4. You must find the VOLUME of your building.

5. You must find the PERIMETER of your property.

6. Your building must have ANGLES THAT ARE NOT 90 DEGREES (use acute and obtuse angles somehow)

7. YOU MUST SHOW YOUR WORK FOR ALL CALCULATIONS! Calculations must include:

* You must add, subtract, multiply, and divide whole numbers.
* You must add, subtract, multiply, and divide decimals (divide a decimal by a whole number). \*Most of this will be done when calculating cost
* You must add, subtract, multiply, and divide fractions.

8. You must identify the geometric shapes that will be included in your building. \*Think shape of building, shape of roof, shape of windows